Lesson 1: What is MERN Stack?

Overview

MERN stands for MongoDB, Express.js, React, and Node.js.

It is a popular JavaScript-based technology stack used for full-stack web development.

Advantages of MERN

- Single language (JavaScript) across frontend and backend.
- Highly scalable and flexible.
- Open source and community-driven.
- Rich ecosystem of libraries and tools.

MERN vs MEAN

MEAN uses Angular instead of React.

MERN is more flexible for building modern, dynamic UI with React.

Architecture Overview

Client (React) → Server (Express + Node.js) → Database (MongoDB).

This flow enables fast, asynchronous communication between client and server.